

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 03216719  
PUBLICATION DATE : 24-09-91

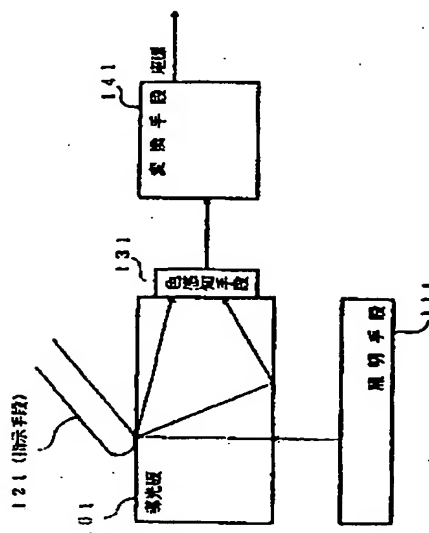
APPLICATION DATE : 22-01-90  
APPLICATION NUMBER : 02012008

APPLICANT : FUJITSU LTD;

INVENTOR : IGAKI SEIGO;

INT.CL. : G06F 3/03

TITLE : POSITION INSTRUCTION DEVICE



**ABSTRACT :** PURPOSE: To facilitate the input of graphic with simple constitution without the need of pressing pressure by designation a position without bringing an instruction means into contact with a light transmission plate.

CONSTITUTION: An illumination means 111 illuminates respective positions on one surface of the light transmission plate 101 by the light beams of respectively different colors and the instruction means 121 designates the position by bringing it into contact with the other surface of the light transmission plate 101. Light dispersed in a part where the light transmission plate 101 is brought into contact with the instruction means 121 is guided into a color sensing means 131 and it sense the color of the dispersed light. A conversion means 141 outputs a coordinate showing the position corresponding to the color which the output of the color sensing means 131 shows. The coordinate of the position which the instruction means 121 designates is obtained as the output of the conversion means 141 as a whole. Thus, the input of the graphic is facilitated with simple constitution without the need of compression.

COPYRIGHT: (C)1991,JPO&Japio

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 03-216719

(43)Date of publication of application : 24.09.1991

(51)Int.Cl.

G06F 3/03

(21)Application number : 02-012008

(71)Applicant : FUJITSU LTD

(22)Date of filing : 22.01.1990

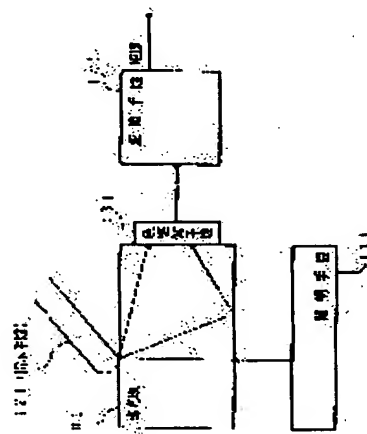
(72)Inventor : TSUDA MITSUHIRO  
IGAKI SEIGO

## (54) POSITION INSTRUCTION DEVICE

### (57)Abstract:

**PURPOSE:** To facilitate the input of graphic with simple constitution without the need of pressing pressure by designation a position without bringing an instruction means into contact with a light transmission plate.

**CONSTITUTION:** An illumination means 111 illuminates respective positions on one surface of the light transmission plate 101 by the light beams of respectively different colors and the instruction means 121 designates the position by bringing it into contact with the other surface of the light transmission plate 101. Light dispersed in a part where the light transmission plate 101 is brought into contact with the instruction means 121 is guided into a color sensing means 131 and it sense the color of the dispersed light. A conversion means 141 outputs a coordinate showing the position corresponding to the color which the output of the color sensing means 131 shows. The coordinate of the position which the instruction means 121 designates is obtained as the output of the conversion means 141 as a whole. Thus, the input of the graphic is facilitated with simple constitution without the need of compression.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office

BEST AVAILABLE COPY

## The Delphion Integrated View

Get Now: ☒ PDF | [File History](#) | [Other choices](#)

Tools: Add to Work File: [Create new Work File](#)

Add

View: INPADOC | Jump to: [Top](#)

[Email this to a friend](#)

Title: **JP03216719A2: POSITION INSTRUCTION DEVICE**

Country: **JP Japan**

Kind: **A**

Inventor: **TSUDA MITSUHIRO;  
IGAKI SEIGO;**

Assignee: **FUJITSU LTD**  
[News, Profiles, Stocks and More about this company](#)

Published / Filed: **1991-09-24 / 1990-01-22**

Application Number: **JP1990000012008**

IPC Code: Advanced: **G06F 3/03;**  
Core: [more...](#)  
IPC-7: **G06F 3/03;**

Priority Number: **1990-01-22 JP1990000012008**

Abstract: **PURPOSE:** To facilitate the input of graphic with simple constitution without the need of pressing pressure by designation a position without bringing an instruction means into contact with a light transmission plate.

**CONSTITUTION:** An illumination means 111 illuminates respective positions on one surface of the light transmission plate 101 by the light beams of respectively different colors and the instruction means 121 designates the position by bringing it into contact with the other surface of the light transmission plate 101. Light dispersed in a part where the light transmission plate 101 is brought into contact with the instruction means 121 is guided into a color sensing means 131 and it sense the color of the dispersed light. A conversion means 141 outputs a coordinate showing the position corresponding to the color which the output of the color sensing means 131 shows. The coordinate of the position which the instruction means 121 designates is obtained as the output of the conversion means 141 as a whole. Thus, the input of the graphic is facilitated with simple constitution without the need of compression.

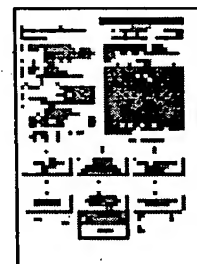
**COPYRIGHT: (C)1991,JPO&Japio**

Family: **None**

Other Abstract Info: **None**



[Nominate this for the Gallery...](#)



[View Image](#)

1 page